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## **Plasma motions and heating by magnetic reconnection in 2007 May 19 flare**

Hirohisa Hara

*National Astronomical Observatory of Japan*

J. Leonard Culhane

*UCL-Mullard Space Science Laboratory*

**Abstract.** We report observational properties in the impulsive phase of a long duration flare on 2007 May 19 from spectroscopic observations with the *Hinode* EUV imaging spectrometer (EIS) with supplemental observations of *Hinode* SOT & XRT, *TRACE*, and *RHESSI*. We have found an isolated hot source showing a largely enhanced nonthermal line broadening, a fast jet nearby, and an inflow structure to the hot source. Magnetic reconnection occurring above the loop-top region of the flare loop can account for these observations.